



THE PRIME EXAMINATIONS 2024

P.5 BEGINNING OF TERM II

MATHEMATICS

Time allocated 2 hours 30 minutes



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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has two sections: A and B. Section A has 20 questions (40 Marks) and Section B has 12 questions. (60 Marks)
2. Answer ALL questions. All the working for both sections A and B must be shown in the spaces provided.
3. All working must be done using a blue or black ball point pen or ink. Any work done in pencil other than on graphs and diagrams will not be marked.
4. No calculators are allowed in the examination room.
5. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
6. Do not fill anything in the table indicated
"FOR EXAMINERS' USE ONLY"

FOR EXAMINERS' USE ONLY		
QUESTION NUMBER	MARKS ATTAINED	INITIALS
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
TOTAL		

APPROVED



Consultant

Mathematics Department (IPEC)

PUBLISHERS OF:-

THE PRIME; SCHEMING FRAMEWORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES
LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

Section A (40 Marks)

1. Work out: $1 \ 3$

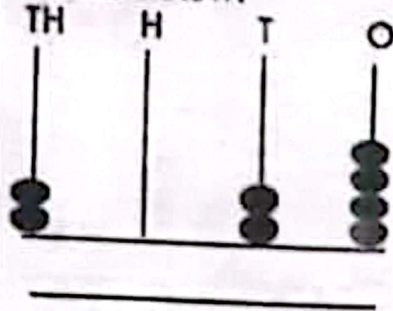
$\times \ 3$

2.

Simplify: $4\text{pens} + 6\text{books} + 2\text{pens}$

3.

Write the number represented on the abacus below.



4.

Given that set $K = \{s, u, m, a, r\}$ and set $N = \{c, b, e, f, x\}$. Describe set K and N .

5.

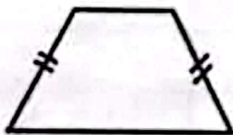
Express 38 in Roman numerals.

6.

Find the LCM of 4 and 6.

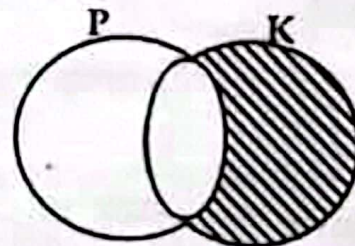
7.

Name the shape below;



8.

Describe the shaded region below.



9.

Find the missing number.

$$\square - 6 = 4$$

10.

Ellah ate $\frac{1}{3}$ of the cake in the morning and $\frac{1}{3}$ in the afternoon. Find the total fraction of the cake Ellah ate.

11. Round off 673 to the nearest tens.	12. The cost of an apple is sh.1500. How much will Teddy pay for 3 apples?										
13. Find the number represented by the tallies below. <div data-bbox="159 358 383 470"> </div>	14. Change 4kg to grammes.										
15. Tell the evening time shown on the clock face below. <div data-bbox="159 649 414 918"> </div>	16. Write 263 in expanded form.										
17. Work out the perimeter of the figure below. <div data-bbox="159 1008 638 1299"> </div>	18. Find the next two numbers in the sequence. 1, 3, 5, 7, __, __										
19. At Kamu primary school, P.5 class is divided into 3 streams. If each stream has 35 pupils, Find the total number of pupils in primary five at Kamu primary school.	20. Work out; <div data-bbox="1037 1456 1324 1680"> <table> <tr> <th>Hrs</th> <th>Min</th> </tr> <tr> <td>6</td> <td>47</td> </tr> <tr> <td>- 4</td> <td>23</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </table> </div>	Hrs	Min	6	47	- 4	23	<hr/>		<hr/>	
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11. Round off 673 to the nearest tens.	12. The cost of an apple is sh.1500. How much will Teddy pay for 3 apples?										
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15. Tell the evening time shown on the clock face below. <div data-bbox="167 660 414 907" data-label="Image"> </div>	16. Write 263 in expanded form.										
17. Work out the perimeter of the figure below. <div data-bbox="175 1019 630 1299" data-label="Diagram"> </div>	18. Find the next two numbers in the sequence. 1, 3, 5, 7, __, __										
19. At Kamu primary school, P.5 class is divided into 3 streams. If each stream has 35 pupils, Find the total number of pupils in primary five at Kamu primary school.	20. Work out; <div data-bbox="1037 1467 1316 1691" data-label="Equation-Block"> <table> <tr> <td>Hrs</td> <td>Min</td> </tr> <tr> <td>6</td> <td>47</td> </tr> <tr> <td>- 4</td> <td>23</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </table> </div>	Hrs	Min	6	47	- 4	23	<hr/>		<hr/>	
Hrs	Min										
6	47										
- 4	23										
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(ii) m

(02 marks)

(b) Work out the GCF of F_x and F_m

(02 marks)

27 (a) Find the number that was expanded to give;
 $(7 \times 100) + (6 \times 10) + (9 \times 1)$

(02 marks)

(b) $(4 \times 10^3) + (6 \times 10^2) + (1 \times 10^1) + (3 \times 10^0)$

(03 marks)

28 (a) Work out; $\begin{array}{r} 1463 \\ + 6014 \\ \hline \end{array}$

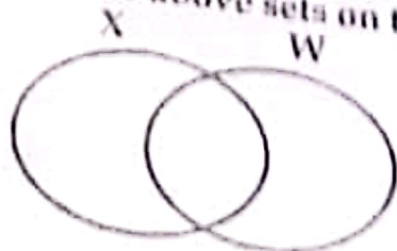
(02 marks)

(b) Mirembé harvested 78,564 tonnes of cotton, she sold 45,241 tonnes
 How many tonnes of cotton did she remain with?

(02 marks)

Given that set $X = \{7, 6, 8, 1, 3\}$ and $W = \{2, 0, 6, 9, 7, 5\}$.

(03 marks)



(a) Show the above sets on the venn diagram below.

(02 marks)

30 Given the numeral 635;

(a) Write the place value of 3 in the numeral above.

(02 marks)

(b) Show the numeral above on the abacus

(03 marks)

1 (a) Musa is 6 years older than Jane. How old is Musa if Jane is 14 years old?

(02 marks)

(b) Fill in the missing number;

$$8 \div \square = 2$$

(02 marks)